

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE K		PAGE 1 OF 13 PAGES		
2. AMENDMENT/MODIFICATION NO. 0002		3. EFFECTIVE DATE 06 JUNE 2001		4. REQUISITION/PURCHASE REQ. NO. N/A		5. PROJECT NO. (If applicable)	
6. ISSUED BY DEFENSE ENERGY SUPPORT CENTER 8725 JOHN J. KINGMAN ROAD, SUITE 4950 FT. BELVOIR, VA 22060-6222 FAX (703) 767-8757 BUYER/SYMBOL – Verna Velez/DESC-APP PHONE (703) 767-9405 P.P. 8.2		CODE SCO600		7. ADMINISTERED BY (If other than Item 6) CODE			
8. NAME AND ADDRESS OF CONTRACTOR (NO., street, city, county, State, and ZIP Code)				X		9a. AMENDMENT OF SOLICITATION NO. SP0600-01-R-0047	
						9b. DATED (SEE ITEM 11) 09 MARCH 2001	
						10a. MODIFICATION OF CONTRACT/ORDER NO.	
						10b. DATED (SEE ITEM 13)	
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<p>[X] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [] is extended, [X] is not extended</p> <p>Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning <u>1</u> copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.</p>							
12. ACCOUNTING AND APPROPRIATION DATA (If required)							
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. I2.05 CHANGES-FIXED PRICE (AUG 87)							
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b)							
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: FAR 43.01							
OTHER (Specify type of modification and authority)							
E. IMPORTANT: Contractor [] is not, [] is required to sign this document and return <u>1</u> copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)							
<p style="font-size: 1.2em;">See the following pages</p>							
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME OF CONTRACTING OFFICER LAURA C. WELSH			
15B. NAME OF CONTRACTOR/OFFEROR BY _____ (Signature of person authorized to sign)		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA BY <u>Laura Welsh</u> (Signature of Contracting Officer)		16C. DATE SIGNED 6 June 2001	

The purpose of this amendment is to address questions proposed by prospective offerors concerning the solicitation and to incorporate Section J attachments J13 and J14 into the solicitation.

1. The following is a list of questions with responses asked in reference to the solicitation:

Question: Section C.2.3. - Reference is made to the model Easement as attachment J31 instead of J33. Please clarify that the correct attachment is J33.

Response: Attachment J33 is in fact the Model Easement Sample document. Attachment J31 is reserved.

Question: Section C.3.4. - Energy and Water Efficiency and Conservation - Please clarify the requirement that Contractor “facilitate the implementation” of future third-party energy- and water- savings projects will not require any activity on the part of the Contractor that will negatively impact the functionality of the utility system, Contractor’s cost of maintaining the system, or otherwise adversely affect Contractor’s ability to perform it’s obligations to the Government. Rather, please clarify that this obligation only will require that Contractor use its best efforts to assist third-parties.

Response: In general, this paragraph is advising prospective contractors of Energy Savings Projects currently (if listed in Section J attachment) in place and, the potential for future Energy Savings projects. The government also is advising the prospective contractor that one of their obligations will be to ensure that Energy conservation remains a priority. The intent is not to assist a third-party contractor but, not to hinder or alter any projects that may be in place. The prospective contractor is also encouraged to propose future energy projects to the government. The new utility system owner, may or may not be the one to install the new projects.

Question: Section C.4.3.1, Joint Use, Government Use - Please clarify that the Government’s joint use of the utility system will be exercised in a manner that will not unreasonably interfere with Contractor’s use of the system or with Contractor’s ability to perform it’s obligations to the Government, and will be subject to the Government, at its sole expense, complying with applicable safety standards. In addition, will the Government be responsible for any utility system modifications that may be required to accommodate the Government’s joint use?

Response: I am not sure what is meant by clarify the Government’s use of anything. At this time, the government may have cable lines, communication lines etc, on some of the utility poles. The intent is to advise prospective contractors that the government currently uses pole spaces without a charge. This arrangement will remain in effect after transfer

of ownership. If there are specific requirements of the successful contractor, they could have to be addressed during contract negotiations. The government will assure that it does not unreasonably interfere with contractor performance.

Question: Section C.4.3.2, Joint Use, Commercial Use - Please provide a copy of all agreements between the Government and commercial service providers subject to this Section. Also, please clarify that any third-party service provider's joint use of the utility system(s) will not unreasonably interfere with Contractor's use of the system or with Contractor's ability to perform its obligations to the Government. In addition, please clarify that Contractor only is precluded from seeking reimbursement from the Government for costs resulting from a third-party service provider's joint use of the system(s); Contractor is otherwise entitled to recover any such costs directly from third parties, consistent with applicable law and regulation.

Response: This question needs clarification from agency legal department. Detailed response will be provided in a separate amendment.

Question: Section C.4.3.2. Wording of this term conflicts with the Model Easement paragraph 15 b – we prefer the wording in section C.4.3.2. Typically JU fees are appropriate for any attachments by third parties after the term of existing agreements.

Response: The Model Easement is a US Army document and has been provided as a sample document only. However, I will review and discuss with Army legal and provided a more detailed response.

Question: Section C.5.1.5. Reference to Government GIS – please provide a detailed description of the GIS at each post. Will electronic data from the GIS be available to the successful offeror? If so, please describe the data types and format of data that will be made available. What is the current status of GIS development at each Post?

Response: At this time, such detailed information is not available. Additional research would be needed. As indicated in the solicitation, GIS updates are required where applicable. Information of this would also be verified during transition period.

Question: Section C.5.2.3. Please confirm the existence of secured areas requiring clearance that contain electrical distribution facilities on these posts and identify them for us. Please provide confirmation of the nature of security clearances that may be required and the process involved in obtaining clearance.

Response: On June 22, 2001, the majority of Army installations will become a secure post. What this means is a sentry will be posted at the entrance gate checking identification before granting access. As a result, in order for a contractor to gain access, certain security procedures will have to be followed. Since the requirements of each

installation may vary, further clarification will be provided during the transition phase after selection of best value contractor.

Question: Section C.5.4. Contractor Radios – specifies a requirement to obtain approval for use of radio frequencies. Dominion Virginia Power intends to use frequencies already under license by the FCC. Please confirm that this requirement will not be necessary for frequencies already assigned and in use by the offeror.

Response: This requirement deals with installation frequencies and use. All contractors operation on base will be required to obtain approval from Installation Communication group to ensure that installation activities are not affected.

Question: Section C.10 – requires that Contractor comply with “all applicable environmental laws and regulations.” Contractor is required to review all applicable Installation procedures relating to environmental protection and either accept same or provide alternatives to be reviewed by the Government and, if found acceptable, incorporated in the contract. Please provide a copy of all Installation procedures that the successful offeror will be required to review.

Response: This information is available in the installation technical libraries.

Question: Section C.10.1 - states that, once ownership is transferred, the Contractor shall become the party of record for all permits relating to operating the system and shall be responsible for obtaining new or revised permits. Please identify all permits that are proposed to be transferred for the electrical distribution system, as well as any permits that the Government intends to retain that are deemed “not transferable.”

Response: Information will be available in installation technical library.

Question: Section C.10.3 - states that Contractor may be required to perform an environmental impact assessment prior to the modification of the utility system. Please make copies available of the assessment process and requirements that will be applicable for the owner of the electrical distribution system.

Response: No specific information is available. The environmental impact assessment would be performed by a contractor in accordance with industry and environmental standards.

Question: Section F.1. Contract Term - In the event of a Termination for Convenience, due to base closure or otherwise, how will the Government address the Contractor's residual value in the utility system, remaining payment obligations for the conveyance

and removal or transfer of ownership in the system? In conjunction, will the Government consider using FAR 52.241-10 or similar provisions which provide for the Contractor's recovery of its capital costs in the event the contract is terminated prior to the Contractor's recovery of its total capital costs?

Response: In the event of a termination for convenience, the contractor would be paid a termination settlement fee. The fee would include those cost the contractor would be entitled to. The contractor would submit the termination settlement claim and the government would review. The two sides would negotiate.

Question: Are offerors expected to detail exceptions to Example Bill of Sale and Model Easement in their proposals, or should offerors assume that these documents will be negotiated after intent to award is determined?

Response: The Bill of Sale and Model Easement are legal documents that are not subject to negotiation. If a prospective offeror has concerns with these documents, they are welcome to bring those concerns to the attention of the Contracting Officer. However, depending on the nature of those concerns a revision may or may not be required.

Question: Section L.3.9- instructs offerors to include full text documents for documents incorporated by reference. Please clarify the number of copies of attachments the Government expects to receive. Note: as a major utility, we maintain a significant number of manuals covering standards, regulations, and procedures that will be referenced in our proposal. Some of these documents are published in hard copy and many are available to employees through the Company Intranet.

Response: Attachments are not a requirement of the RFP. Offerors are allowed to provide attachments per the procedures of L.3.9. The offeror is the one who decides what information is needed in order for the government to determine the offeror's capabilities of performing the requirements of the contract.

Question: Section L.5 – Volume II: Past Performance - This section first asks for past performance information submitted on Attachment 1 with regard to “projects of similar complexity and type as that required in the RFP.” There is no limitation on the number of projects nor any indication of how recent the projects should be.

It then also asks for references for “up to 6 of its largest customers (by demand capacity), and /or projects of similar scope.” It does not stipulate providing this information on Attachment 1, but rather indicates that “the references should be limited to a brief description of the services and facilities provided, together with name of client contact. Ensure reference contact has the capability of addressing the items in the past performance questionnaire . . .”

1. Are these to be two separate sections: (a) past performance information provided for an unlimited number of projects of similar complexity and type on Attachment 1, and (b) references with brief description of services for up to 6 or largest customers and/or projects of similar scope within 5 years of date of proposal? If there are two sections, can some of the projects be used for both sections?
2. Will the government provide the past performance questionnaire to our references or are we to provide the questionnaire? Is it to be responded to via government phone or personal interview or mailed to the government? If there are two separate past performance sections, is it to be provided for all references or only those references cited in question 1(b) above?

Response: Past performance information should be submitted as indicated in Section L.5. Prospective offerors should provide 6 references for projects of similar complexity of RFP within 5 yrs of the proposal date. The government will be sending the questionnaires to the references provided by each contractor for completion.

Question: Section M.1.- Basis for Contract Award - Section B.4 (RFP, p. 7) allows offerors to submit proposals for individual systems or for groups of systems on an "all or none basis." Section M.1 states that a contract will be awarded to the offeror "whose proposal is determined to represent the best value to the Government ..." Based on Section B.4, the Government may receive a wide variety of proposals, including single system, multi-system, multi-installation and all or none proposals. It is not clear how the Government will evaluate all those different types of proposals.

When evaluating the different types of proposals permissible under Section B.4 (e.g., single system proposals, multi-system proposals, multi-installation proposals, and "all or none" proposals), how will the Government determine which proposal represents the "best value" to the Government?

What criteria will the Government use to determine "best value"?

For example, how will the Government determine whether a single-system proposal or an all or none, multi-system, multi-installation proposal represents the best value for a particular utility system?

Response: In reference to the above questions, all proposals received will be evaluated against the evaluation criteria listed in the solicitation. Whether an offeror submits a proposal for single or bundled systems, a separate B-Schedule must be submitted for each system. Each system will be evaluated to determine if it meets the requirements of 10 USC 2688.

Question: Section M.2 - states that that offerors "lacking an acceptable accounting system will be determined non-responsible and ineligible for award." The provision, however, does not define the criteria for an "acceptable accounting system." Please specify what criteria will be used by the Government to determine whether an offeror has an "acceptable accounting system" under Section M.2?

Response: A Cost Accounting Standards (CAS) compliant, Uniform System of Accounts (USOA) or a Federal Energy Regulatory Commission (FERC).

Question: Section M.3 - Factor 5 states that the Government will determine a “total evaluated price,” but does not state whether a single “total evaluated price” will be calculated for the total proposal (i.e. for all systems covered by a proposal) or for each individual system in a proposal. Also, if the total evaluated price is determined on a proposal basis, it is not clear how the Government will compare the total evaluated price for a multi-system proposal with the total evaluated price of a single-system proposal in conducting a best value evaluation and in making the final source-selection decision. For Factor 5: Price, will the “total evaluated price” be determined on a system basis (i.e., for each individual system) or a proposal basis (i.e., a single total price for all systems covered by a particular proposal)?

How will the “total evaluated price” be considered in the best value evaluation?

If the “total evaluated price” is determined on a proposal basis (i.e., a single total price for all systems covered by a particular proposal), how will the Government determine which proposal represents the best value if some proposals will cover only a single system at an installation, some will be multi-system, multi-installation and some will be “all or none” proposals?

How will the Government compare the total evaluated price of a multi-system proposal with the total evaluated price of a single-system proposal in making the final source-selection decision?

Response: The total evaluated price (schedules B-1 and L-3) will be the net present value of the stream of monthly payments the Government is expected to make to the Contractor over the 50-year contract period.

If an offeror submits schedule B-2, the total evaluated price will be the net present value of the stream of monthly payments the Government is expected to make to the contractor over the 50-yr contract period.

If an offeror submits a proposal for multi-systems, that offeror must provide all calculations for the economies for the bundled offeror. The government does not manipulate offerors proposal.

The government is seeking the best value proposal (s), which makes Technical Capability, Past Performance, Risk and Socioeconomic Plan, more important than Price.

Question: Section M.3 - DESC and OSD participated in a briefing at Energy 2000 in Pittsburgh last summer. The presenter indicated a decision to evaluate costs at the “Government level” instead of “Agency level”, thus eliminating the potential impact of any tax effect of CIAC on the economic analysis. Please confirm this intent and include appropriate wording in Section M.3.

Response: I am unaware of the information that you are referencing. If you could provide some written information and a point of contact that made the comment, I could follow up and conduct research further.

Question: Section M.4 - Section M.1 (RFP, p. 77) states that “[a]ward will only be made if (1) the long-term economic benefit of the conveyance to the United States exceeds the long-term economic cost of the conveyance to the United States, and (2) the conveyance will reduce the long-term costs of the United States for utility services provided by the utility system concerned.” Section M.4 (RFP, p. 79) indicates that this will be determined by comparing the present value estimate of a projected 50-year cash flow for contractor ownership with a present value estimate for a 50-year cash flow for Government ownership and operations and maintenance. The RFP, however, does not identify the cost components included in the calculation of the 50-year cash flow estimate for Government ownership and operations and maintenance. A fair comparison requires that the estimates for both contractor ownership and Government ownership include the same cost components. Accordingly,

Does the Government estimate of a 50-year cash flow based on Government ownership and operations and maintenance (RFP Section M.4) include capital upgrades and renewals and replacements (RFP Section C.11)? If so, please identify the upgrades and renewals and replacements included in the Government estimate.

Does the Government estimate of a 50-year cash flow based on Government ownership include the costs of compliance with “all applicable federal, state, and local laws and regulations, as they may be amended from time to time, including those requirements relating to health, safety and the environment” (RFP, Section C.2.6)?

Does the Government estimate of a 50-year cash flow based on Government ownership include the costs of Government compliance with RFP Sections C.3 (Requirement), C.7 (Response to Service Interruptions and Contingencies), and C.10 (Environmental Compliance)?

Response: We are researching what information is available.

Question: Where is the sewage from Fort Lee treated?

Response: At Hopewell Regional Wastewater Treatment Facility (HRWTF).

Question: How can we schedule an additional site visit?

Response: Contact Tim Richardson, 804-734-4717, or email at richardt@lee.army.mil

Question: Will a list of contractors currently used by Public Works be supplied, as that would help us meet subcontracting requirements?

Response: Yes, this list will be supplied at a later date.

Questions from the Fort Story Site Visit of May 21, 2000:

Question: Availability of Utility System Maps: When will technical libraries be available for use? When can we get system maps?

Response: The Fort Story and Fort Eustis libraries are ready now. We have Fort Eustis maps on CD and hardcopy maps for Fort Story.

Question: Ownership of Joint-Use Poles: The joint-use power poles we saw bringing power in to the substation on Fort Story - who actually owns and is responsible for those poles?

Response: Virginia Power.

Question: Design-Build Contract: What is status of construction of additional housing at the area we saw just after we left the parking lot at Fort Story?

Response: At the Cape Henry adjacent the Fort Story Club, there are 27 additional cottages to be built. They are to be constructed under a design/build contract. We expect construction to start in September this year and to be completed in June 2002.

Question: Projection of Number of Residents at Fort Story and Fort Eustis 5, 10, and 20 Years: What is your residency now and what is your 5, 10, and 20 year prediction for residency?

Response: See tabulation of estimated data below.

	Populations – Current and Projected			
Installation	Military	Civilian	Total, 2001	Projected to +5, +10, & +20 Yrs
Fort Story	1,989	209	2,198	No change projected at this time.
Note: Fort Story has 382 dependent family members who live on post.				
Fort Eustis	8,794	4,235	13,029	No change projected at this time.
Note: Fort Eustis has 2,430 dependent family members who live on post.				

Question: Sewage Lift Stations Included in Tour: You said there are 21 lift stations on Fort Story. Why did you pick out the ones you picked out to include in the tour?

Response: Just to give you a representation of what the lift stations look like. The intent was not to show you every bit of the utilities infrastructure, just to show you around the post, give you a feel for what the post is like.

Question: Maintenance Records for Sewage Lift Stations: Is there any way we can get any maintenance records and PM on these lift stations?

Response: What we have is in the technical library – you will find that it is limited.

Question: Availability of Technical Libraries: How and when can we get access to the technical library?

Response: The technical library is ready now at Fort Eustis for both Fort Story and Fort Eustis. We have hardcopy maps for Fort Story utilities and we have CD's in Micro-Station for Fort Eustis utilities. If you go on the tour on Wednesday at Fort Eustis you will see the technical library.

Question: Access to Technical Library: How do we get access to the technical library?

Response: Just call ahead so we know you are coming. Our basic hours are 7:00 to 3:30 Monday through Friday. Phone number is 757-878-2489, ext 258 for Malcolm Martin, ext 254 for Arlene Sauve, or ext 256 for Tom Jennings.

Question: Fort Eustis Technical Library: Access/location of Fort Eustis Technical Library?

Response: The Technical Library is in Bldg 1407 near the front of the building. Directions to the technical library: Enter Fort Eustis on Washington Blvd, a two-lane divided street. Go straight on Washington Blvd approximately 1.6 miles to where left lane ends at stop sign. Turn left and then immediately turn right. Building 1407 is the first building on the right with parking in front of building and across the street.

Question: Installation Gate Security: Why is the installation increasing its gate security?

Response: Vice Chief of Staff of the Army has made a determination that installations increase security. We will comply with that decision.

Question from the Fort Eustis Site Visit of May 23, 2000:

UMCS Hookups to System Components: The electrical system J Section requires that if additional hookups for the UMCS (Utilities Monitoring and Control System) are required, the contractor will be required to provide those hookups at no additional cost. Does the same requirement apply to the water and wastewater systems?

Response from Fort Eustis and Fort Story:

None of the system specific sections "J Sections" require the Contractor to provide any UMCS connections. Most of the UMCS connections currently in use are non-intrusive to the systems being monitored. Most of the connections are through use of current transformers (CT) and potential transformers (PT) to monitor operational status of equipment. The personnel who install and maintain the connections for the installation provide all of the UMCS required components. The contractor will be required to take reasonable care not to damage the UMCS connection components in question and cooperate to allow their continued operation. The system specific portions, "J Sections", of the RFP for Fort Eustis all have similar statements relative to UMCS connections. The Wastewater System has no UMCS connections at this time but connections may be required in the future. An information paper dated 21 Oct 97 is available in the technical library. Each of the statements in the J Sections referred to above is listed below. The system specific portions, "J Sections", of the RFP for Fort Story all have a statement indicating that a UMCS is under construction at Fort Story and the contractor(s) will be required to cooperate in support of that UMCS as described above.

Fort Eustis Electrical Distribution System:

"Fort Eustis maintains and operates a Utility Monitoring and Control System (UMCS). The UMCS is used to monitor and control the on-post utility systems. It is connected to components of the utility systems. After privatization of the electric distribution system the UMCS will be used to monitor some functions of the system. The contractor will be required to cooperate with UMCS operation at no cost to the government by allowing continued connection to the utility components and connection to existing and new components when required for support of UMCS monitoring. Detailed information on the UMCS and its operation will be available in the technical library."

Fort Eustis Potable Water System:

"Fort Eustis maintains and operates a Utility Monitoring and Control System (UMCS). The UMCS is used to monitor and control the on-post utility systems. It is connected to components of the utility systems. After privatization of the water distribution system, the UMCS will be used to monitor certain functions of the water distribution system. The contractor will be required to cooperate with UMCS operation at no cost to the government by allowing continued connection to the utility components and connection to existing and new components when required for support of UMCS monitoring. Detailed information on the UMCS and its operation will be available in the technical library."

Fort Eustis Wastewater System:

"Fort Eustis maintains and operates a Utility Monitoring and Control System (UMCS). The UMCS is used to monitor and control on-post utility systems. It is not currently connected to components in the sewage collection system. In the future, the UMCS may be used to monitor functions in the wastewater collection system. The Contractor will be required to cooperate with UMCS operation at no cost to the government by allowing connection to the utility components when required for support of UMCS monitoring

process. Detailed information on the UMCS and its operation will be available in the technical library.”

Requests for Additional Library Information:

Request: We need additional information on the Fort Eustis and Fort Story Electrical distribution systems. Would like to have a single line drawing of the switch stations.

Response - Fort Story: Four additional drawings for the electrical distribution system are now available from the technical library in hardcopy. These include one drawing showing “Main Supply Station Plans, Details, Diagrams” and three drawings showing the “Distribution Plan.” These drawings show a single line drawing of the switch station and system installation type information not available in single sheet map format.

Response - Fort Eustis: We are unable to locate installation drawings for the Fort Eustis switch stations; however, there are some very basic drawings of the switch stations that are in the “Engineering Study of the Post-Wide Power Distribution System” dated December 1996 that is in the technical library. The report of this study is in the technical library.

Request: We need copies of the phased upgrade planning map drawings for the Fort Eustis Potable Water System and Fort Eustis Wastewater System that are in the technical library.

Response: Copies of the requested maps are available from the technical library on a CD in MicroStation (.dgn) format. These maps include “Five Phase Water Main Replacement” and “Five Phase Sanitary Sewer Rehabilitation Plan.”

2. Attachments J13, Big Bethel Potable Water Treatment Plant, and J14, Fort Monroe Potable Water System, are hereby added to the solicitation.

3. Define the following financial ratios:

a). Define Funds from Operation (FFO) to Interest Ratio, Funds from Operation (FFO) to Total Debt Percentage. Specifically is "funds from operations" the same as operating revenues or is it something else?

Funds from Operation (FFO) is a measure of cash flow to interest expense requirements.

b). Define Disaster Recovery Ratio.

Entities may be required to restore utility systems following a disaster. The disaster recovery ratio is a measure of the current maximum expected cost of system restoration to the capital investment capacity of an offeror.

c). Total Debt/Total Capital (Debt Ratio).

The financial leverage of an entity is measured by the debt ratio.